

I claim:

1. A method for recycling used and manufacturing scrap asphalt shingle material comprising the steps of:

5 a. providing a fine aggregate-asphalt mixture;

b. grinding the aggregate-asphalt mixture;

c. extruding the ground mixture;

d. providing a mold of a desired shape;

e. loading the molding with extruded mixture; and

10 f. compressing the mixture in the mold to create a shaped product.

2. The method of claim 1 further comprising the step of introducing granular surface treatment in said mold prior to
15 said compressing step.

3. The method of claim 1 further comprising the step of introducing a plastic liner in said mold prior to loading
step.

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5. A method for recycling used/asphalt shingle material comprising the steps of:

a. providing a fine aggregate-asphalt mixture;

b. grinding the aggregate-asphalt mixture;

5 c. extruding the mixture to approximate cross-section of a desired shaped part; and

d. die-cutting a shaped part from extruded mixture.

6. A method for recycling used/asphalt shingle material comprising the steps of:

a. providing a fine aggregate-asphalt mixture;

b. grinding the aggregate-asphalt mixture;

c. extruding the mixture;

d. forming a desired shaped part;

15 e. softening an exposed surface of said part; and

f. embedding a surface treatment material to said softened surface.

7. The method of claim 6 further comprising the step of

20 raising the temperature of said surface to approximately 275 degrees F prior to said embedding step.

8. The method of claim 7 in which said raising step includes one of (i) providing a surface heating element and passing said surface proximate thereto, and (ii) immersing said surface into an environment having an elevated temperature.

9. The method of claim 6 in which said surface treatment material includes one of (i) a surface texture material, and (ii) a coloring material.

10. The method of claim 6 in which said embedding step includes one of the steps of:

a. passing said softened surface under compression rolls to embed surface textured material; and

b. heating said surface treatment material and spraying said heated material onto the softened surface with heated compressed air.

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1. Apparatus for recycling used/asphalt shingle material
comprising:

a material staging station having an inlet to receive
shingle material and having an outlet;

5 a grinder having an inlet to receive shingle material
from the staging station and having an outlet;

an extruder having an inlet to receive ground material
from the grinder and adapted to provide extruded ground
material therefrom; and

10 one of a die cutting station and a molding station
associated with said extruder for receiving the extruded
material and adapted to produce shaped product therefrom.